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M.L.

PATENT

12/29/99

Date December 29, 1999

Docket No. 6029-2668

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this December 29, 1999 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL110672445US addressed to: Box Patent Application, Assistant Commissioner of Patents, Washington, D.C. 20231.

Amy Bresnahan
(Type name of person mailing paper)

(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 CFR 1.10(b).

Box Patent Application
Assistant Commissioner of Patents
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Eugene M. Johnson, Jeffrey D. Milbrandt, Paul T. Kotzbauer, Patricia A. Lampe, Robert Klein and Fred DeSauvage

For : PERSEPHIN AND RELATED GROWTH FACTORS

Enclosed are:

1. Benefit of Prior U.S. Application (35 USC 120)

X The new application being transmitted claims the benefit of a prior U.S. application and enclosed is added page for new application transmittal where benefit of a prior U.S. application claimed.

2. The Papers Required For Filing Under 37 CFR 1.53:

217 Pages of Specification (including Sequence Listing)
1 Pages of Abstract
5 Pages of Claims
31 Sheets of Drawing

formal informal

In addition to the above papers there is also attached:

X Request for Use of Previously Filed Sequence Information in Related Application
X Return Receipt Postcard
 Information Disclosure Statement with ___ copies of references.

72653125.doc

NEW APPLICATION TRANSMITTAL Page 1 of 5

3. Declaration or oath

Enclosed 8 pages
 Newly executed (original or copy)
 Copies from prior application (continuation/divisional with page 5 of 5 completed)
 Deletion of Inventor(s) (signed statement attached deleting inventor(s) of prior application)
 Not enclosed

4. Inventorship Statement

The inventorship for all the claims in this application are:

the same

OR

are not the same and an explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.

5. Language

English Non-English

A verified English translation of the

[check applicable item(s)]

specification and claims

declaration

is attached.

6. Assignment

An assignment of the invention to
 is filed under separate cover sheet
 was filed in the prior application
 will follow

7. Certified Copy

(Country)

(Application No.)

(Filed)

from which priority is claimed

is attached
 will follow

8. Fee Calculation

CLAIMS

	Number Filed	Provided with Basic Fee	Number Extra	Rate	Basic Fee \$760
Total Claims	4	20	0	X \$18.00	\$.00
Independent Claims	2	3	0	X \$78.00	\$.00
Multiple Dependent Claim(s), if any	0	0	0	X \$260.00	\$.00

Amend application by canceling claims 2 through 20 and 24 through 31 before calculating the filing fee. This would leave pending in the application claims 1 and 21 through 23.

Amendment deleting multiple dependencies enclosed

Fee for extra claims is not being paid at this time

Filing Fee Calculation \$ 760.00

9. Small Entity Statement

verified statement that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is attached.

Filing Fee Calculation (50% of above) \$ _____

10. Fee Payment Being Made At This Time

Enclosed

basic filing fee \$ 760.00

Total fees enclosed \$ 760.00

11. Method of Payment of Fees

check in the amount of \$ 760.00

12. Authorization To Charge Additional Fees

X The Commissioner is hereby authorized to charge the following additional fees which may be required to Account No. 18-1829;

X 37 CFR 1.16 (filing fees and presentation of extra claims)

X 37 CFR 1.17 (application processing fees)

— 37 CFR 1.18 (issue fee at or before Mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

13. Instructions As To Overpayment

X credit Account No. 18-1829

14. Correspondence Address



Elie H. Gendloff
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HOWELL & HAVERKAMP, L.C.
7733 Forsyth Boulevard
Suite 1400
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(314) 727-5188

**ADDED PAGE FOR NEW APPLICATION WHERE BENEFIT
OF A PRIOR U.S. APPLICATION CLAIMED**

15. Benefits of Prior U.S. Application

This application is a

continuation

continuation-in-part

divisional

of prior U.S. application Serial No. 08/931,858 filed September 16, 1997, which is a Continuation-in-Part of U.S. application Serial No., 08/881,172, filed June 23, 1997, which is a Continuation-in-Part of U.S. application Serial No. 08/615,944, filed March 14, 1996 (now abandoned) and a Continuation-in-Part of PCT/US97/03461, filed March 14, 1997.

International Application filed

Incorporation by Reference

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under item 3., is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

16. Maintenance of Copendency of Prior Application

A petition, fee and response has been filed to extend the term in the pending prior application until

17. Conditional Petition for Extension of Time in Parent Application

A conditional petition for extension of time is being filed in the pending parent application.

18. Relate Back -- 35 U.S.C. 120

Amend the specification by inserting before the first line the sentence:

This is a

continuation

continuation-in-part

divisional

provisional

of copending application

Serial number 08/931,858; filed on September 16, 1997, which is a Continuation-in-Part of U.S. application Serial No., 08/881,172, filed June 23, 1997, ^{now abandoned} which is a Continuation-in-Part of U.S. application Serial No. 08/615,944, filed March 14, 1996 (now abandoned) and a Continuation-in-Part of PCT/US97/03461, filed March 14, 1997.

now U.S. Patent 6,222,022

PCT International Application ; filed on

19. Abandonment of Prior Application (if applicable)

Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time in that application is granted and when this application is granted a filing date so as to make this application copending with said prior application.